



September 12, 2011

AERO-TECH
AKER COMPOSITE SOLUTIONS
DAN PAPCZYNSKI
2900 GARY DR
PLYMOUTH IN 46563

Re: Description: SEWAGE TREATMENT APPARATUS (see SEWAGE TANKS, STA-TIERS, ETC.)
Manufacturer: AERO-TECH
Product Name: AERO-TECH
Model Number(s): AT500, AT600, AT750, AT1000 AND AT1500
[EXTENDED AERATION, ACTIVATED SLUDGE WITH SUBMERSIBLE AERATOR AND
OPTIONAL UV DISINFECTION (SALCOR UV 3G) FOR USE IN NEW POWTS DESIGNS
TREATING DOMESTIC WASTEWATER]

[NUMERIC LISTED IN THE MODEL NUMBER RELATES TO MAX. DAILY FLOW IN GPD,
EXAMPLE A600 IS 600 GPD; FOR FIBERGLASS TANK/CONTAINER DIMENSIONS AND
INSTALLATION PROCEDURES SEE ATTACHMENT]

Product File No: 20110148

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. **This approval is valid until the end of September 2016.**

This approval is contingent upon compliance with the following stipulation(s):

- This tank must be designed to withstand the pressures to which it will be subjected.
- The manufacturer must keep at the manufacturing plant a set of plans and specifications bearing the department's stamp of approval. The plans and specifications must be open to inspection by an authorized representative of the department.
- Installation and servicing of this product must be in accordance with the manufacturer's instructions. A copy of the manufacturer's installation and servicing instructions must be given to the owner of the system.
- This product must be utilized in accordance with the manufacturer's printed installation instructions and this product approval. If there is a conflict between the manufacturer's installation instructions and the product approval, the product approval requirements will take precedence.
- This product must be installed by a properly licensed plumber.
- This approval for the above-referenced PRODUCT FILE No. does not provide for the inclusion of this product in an existing failing POWTS; products to rejuvenate failing POWTS must have separate approval by COMMERCE for chemical or physical restoration (CPR). [s. COMM 83.53].
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- When this product is installed in a septic tank, the outlet baffle of the septic tank must have installed a STATE-APPROVED effluent filter, which is capable of filtering particles of 1/32 inch in size or larger.
- A copy of this approval letter must accompany each installation of this product in the State of Wisconsin.
- When this product is installed in a state-approved septic tank, a properly licensed person must perform the installation.
- SERVICING: The manufacturer may require a service contract.

TABLE 1
INSPECTION, MAINTENANCE AND PUMPING
PRODUCT/ (Models): AERO-TECH
(AT500, AT600, AT750, AT1000 AND AT1500)

Initial/Startup Inspection/ Maintenance: Initial 2-years of operation serviced by manufacturer's representative or so trained credentialed person
Routine Inspection/Maintenance:
Ongoing Pumping Cycle And/Or Requirements: 2-4 years or as required by local or State codes*
Upstream Effluent Filter: see stipulations herein
Back-Wash Cycle: N/A
Effluent Performance Levels: CLASS I NSF-40 LISTED
BOD5 Credit For Downsizing Distribution Area: YES **
Fecal Credit For Reduction Of Vertical Separation: YES ***
Additional Comments: Max. Daily Flow (gpd) is equal to numeric value as listed in the model number.
Manufacturer may require service contract.

* For seasonal occupancy and tanks pumped prior to shutdown, fill tanks with water.

** Proper function based on domestic wastewater or flows with similar wastewater characteristics.

*** Vertical separation credit is ONLY given when product installation includes properly sized, maintained and approved UV Disinfection Unit, Salcor 3G.

- The UV Disinfection Unit, the Salcor 3G may be used when the state approval remains in effect. The maximum flow for this unit is 1.7 gpm and is approved for use with domestic level wastewater.
- The submersible aerators have both visual and audible alarms. For AT500, AT600 and AT750: model SA02; for the At1000 and AT1500: model SA04.
The minimum capacity of upstream septic tanks. For AT500, AT600 and AT750: 500 gallons; for the At1000 and AT1500: 1000 gallons.
- Additional information is included as attachment(s) to this letter; see attachment A and B.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,